



ELSEVIER

Analytica Chimica Acta 306 (1995) 367–370

ANALYTICA  
CHIMICA  
ACTA

## Author Index

- Aguilar, J.C.  
— and De Gyves, J.  
Determination of germanium(IV) in sulphide ores by differential pulse polarography in pyrogallol–sulfuric acid media 243
- Akita, S., see Fukaya, M. 231
- Albrecht, J., see Möller, D. 1
- Alexander, P.W., see Glód, B.K. 267
- Alimonti, A.  
—, Petrucci, F., Santucci, B., Cristaudo, A. and Caroli, S.  
Determination of chromium and nickel in human blood by means of inductively coupled plasma mass spectrometry 35
- Ambiado, F.E., see Bruhn, C.G. 183
- Amelia, M., see Papadopoulos, N. 107
- Anunziata, J.D., see Reta, M.R. 81
- Ashton, D.S.  
—, Beddell, C.R., Cooper, D.J. and Lines, A.C.  
Determination of carbohydrate heterogeneity in the humanised antibody CAMPATH 1H by liquid chromatography and matrix-assisted laser desorption ionisation mass spectrometry 43
- Baffi, F.  
—, Ravera, M., Ianni, M.C., Soggia, F. and Magi, E.  
Scanning electron microscopy with energy-dispersive electron probe X-ray analysis investigation of a sequential extraction scheme for copper, chromium, iron and aluminium speciation in marine suspended particulate matter 149
- Barary, M.H., see Wintersteiger, R. 273
- Beddell, C.R., see Ashton, D.S. 43
- Bergamin Filho, H., see Gomes Neto, J.A. 343
- Bruhn, C.G.  
—, Ambiado, F.E., Cid, H.J., Woerner, R., Tapia, J. and Garcia, R.  
Analytical evaluation of a tungsten coil atomizer for cadmium, lead, chromium, manganese, nickel and cobalt determination by electrothermal atomic absorption spectrometry 183
- Bult, A., see Rongen, H.A.H. 333
- Caroli, S., see Alimonti, A. 35
- Cattana, R.I., see Reta, M.R. 81
- Ceccon, L., see Lo Coco, F. 57
- Chen, G.-Z., see Yan, Y. 307
- Chen, Q.  
—, Pamidi, P.V.A., Wang, J. and Kutner, W.  
 $\beta$ -Cyclodextrin cation exchange polymer membrane for improved second-generation glucose biosensors 201
- Chen, Z., see Wang, T. 249
- Chen, Z.L., see Glód, B.K. 267
- Cid, H.J., see Bruhn, C.G. 183
- Clarke, N.  
— and Danielsson, L.-G.  
The simultaneous speciation of aluminium and iron in a flow-injection system 5
- Cooper, D.J., see Ashton, D.S. 43
- Cristaudo, A., see Alimonti, A. 35
- Cruces Blanco, C., see García Sánchez, F. 313
- Cubillán, H.S., see Granadillo, V.A. 139
- Danielsson, L.-G.  
— and Sparén, A.  
A mechanized system for the determination of low levels of quickly reacting aluminium in natural waters 173
- Danielsson, L.-G., see Clarke, N. 5
- De Gyves, J., see Aguilar, J.C. 243
- Dias Filho, N.L.  
—, Gushikem, Y. and Polito, W.L.  
2-Mercaptobenzothiazole clay as matrix for sorption and pre-concentration of some heavy metals from aqueous solution 167
- Dunemann, L., see O'Keeffe, M. 91
- Ebisuya, H., see Fukaya, M. 231
- Eiceman, G.A.  
—, Wang, Y.-F., Garcia-Gonzalez, L., Harden, C.S. and Shoff, D.B.  
Enhanced selectivity in ion mobility spectrometry analysis of complex mixtures by alternate reagent gas chemistry 21
- El-Yazbi, F.A., see Wintersteiger, R. 273
- Fago, G., see Laganà, A. 65
- Fernández Gutierrez, A., see García Sánchez, F. 313
- Fielden, P.R., see Vaireanu, D.-I. 115
- Fukaya, M.  
—, Ebisuya, H., Furukawa, K., Akita, S., Kawamura, Y. and Uchiyama, S.  
Self-driven coulometry of ethanol, D-glucose and D-fructose using ubiquinone-dependent dehydrogenase reactions 231
- Furukawa, K., see Fukaya, M. 231
- Garcia-Gonzalez, L., see Eiceman, G.A. 21
- Garcia, R., see Bruhn, C.G. 183

- García Sánchez, F.  
—, Fernández Gutierrez, A. and Cruces Blanco, C.  
Variable-angle scanning fluorescence spectrometry for the simultaneous determination of three diuretic drugs 313
- Głód, B.K.  
—, Alexander, P.W., Chen, Z.L. and Haddad, P.R.  
Thermodynamic investigation of sample retention mechanism in ion-exclusion chromatography with inclusion compound in the mobile phase 267
- Gomes Neto, J.A.  
—, Bergamin Filho, H., Sartini, R.P. and Zagatto, E.A.G.  
Determination of cadmium in foodstuffs and plant materials by flow injection-spectrophotometry including ion exchange 343
- Granadillo, V.A.  
—, Cubillán, H.S., Sánchez, J.M., Tahán, J.E., Márquez, E.S. and Romero, R.A.  
Three pressurized mineralization procedures that permit subsequent flame atomic spectrometric determination of Ca, Fe, K, Mg and Zn in bovine blood plasma-containing cookies and in standard reference materials 139
- Greulach, U.  
— and Henze, G.  
Analysis of arsenic(V) by cathodic stripping voltammetry 217
- Grimalt, J.O., see Olivé, J. 285
- Gushikem, Y., see Dias Filho, N.L. 167
- Haddad, P.R., see Głód, B.K. 267
- Hampel, W., see Hutter, W. 237
- Harden, C.S., see Eiceman, G.A. 21
- Henze, G., see Greulach, U. 217
- Hikuma, M.  
—, Takeda, M., Matsuoka, H. and Karube, I.  
Reagentless enzyme-based sensor using a gas-permeable membrane for determination of alcohols 209
- Hirokawa, K., see Wagatsuma, K. 193
- Horie, H.  
— and Rechnitz, G.A.  
Hybrid tissue/enzyme biosensor for pectin 123
- Hui, F., see Sassiat, P. 73
- Hüller, J., see Möller, D. 1
- Hutter, W.  
—, Peter, J., Swoboda, H., Hampel, W., Rosenberg, E., Krämer, D. and Kellner, R.  
Development of a microbial bioassay for chlorinated and brominated hydrocarbons 237
- Ianni, M.C., see Baffi, F. 149
- Ivey, J.P.  
— and Swan, H.B.  
An automated instrument for the analysis of atmospheric dimethyl sulfide and carbon disulfide 259
- Jin, W., see Zhao, X. 225
- Juskowiak, B.  
Application of binaphthyl-based amphiphiles Determination of benzo[a]pyrene by fluorescence energy transfer 323
- Kang, S.-O., see Seok, Y.-J. 351
- Karube, I., see Hikuma, M. 209
- Kawamura, Y., see Fukaya, M. 231
- Kellner, R., see Hutter, W. 237
- Kolodziejczyk, H., see Sassiat, P. 73
- Krämer, D., see Hutter, W. 237
- Kuselman, I.  
— and Shenhar, A.  
Design of experiments for the determination of the detection limit in chemical analysis 301
- Kutner, W., see Chen, Q. 201
- Laganà, A.  
—, Marino, A., Fago, G. and Pardo Martinez, B.  
Determination of free *N*-acetyl neuraminic acid by ultrafiltration and liquid chromatography in the serum of normal and cancer patients 65
- Lemos, N.D.A., see Papadopoulos, N. 107
- Li, D., see Reisenhofer, E. 99
- Lin, Z.-G., see Yan, Y. 307
- Lines, A.C., see Ashton, D.S. 43
- Lingeswara Rao, J.S.V.M., see Ravindra Babu, A. 297
- Lo Coco, F.  
—, Valentini, C., Novelli, V. and Ceccon, L.  
Liquid chromatographic determination of 2-furaldehyde and 5-hydroxymethyl-2-furaldehyde in beer 57
- Lu, C.-J.  
— and Shih, J.-S.  
Detection of polar organic vapours with piezoelectric crystals coated with crown ethers 129
- Luo, Y., see Wang, T. 249
- Machtalere, G., see Sassiat, P. 73
- Maeda, M., see Sasamoto, H. 161
- Magi, E., see Baffi, F. 149
- Mànuel, A., see Olivé, J. 285
- Marino, A., see Laganà, A. 65
- Márquez, E.S., see Granadillo, V.A. 139
- Matsuoka, H., see Hikuma, M. 209
- Möller, D.  
—, Tan, P.M., Hüller, J. and Albrecht, J.  
Ag<sup>+</sup> sensitive membrane of sub- $\mu$ m thickness prepared by ion implantation 1
- Moskvin, L.N., see Nikonorov, V.V. 357
- Murali Krishna, D., see Ravindra Babu, A. 297
- Mwalupindi, A.G.  
— and Warner, I.M.  
Determination of theophylline by liquid chromatography with sensitized lanthanide luminescence detection 49
- Nikonorov, V.V.  
— and Moskvin, L.N.  
Spectrophotometric determination of nitrite with 4-iodo-*N,N*-dimethylaniline 357
- Novelli, V., see Lo Coco, F. 57

- O'Keeffe, M.  
—, Dunemann, L., Theobald, A. and Svehla, G.  
Capillary electrophoresis in speciation analysis. Investigations of metal-polyaminopolycarboxylate complexes and effects of metals on proteins 91
- Olivé, J.  
—, Mánuel, A., Rodriguez, P. and Grimalt, J.O.  
A low cost, open and flexible on-line data acquisition system for instrumental chromatography 285
- Pamidi, P.V.A., see Chen, Q. 201
- Papadopoulos, N.  
—, Amelia, M., Lemos, N.D.A. and Pombeiro, A.J.L.  
Time resolved polarography. Study of the EC mechanism 107
- Pardo Martinez, B., see Laganà, A. 65
- Peter, J., see Hutter, W. 237
- Petrucci, F., see Alimonti, A. 35
- Picciotto, A., see Reisenhofer, E. 99
- Polito, W.L., see Dias Filho, N.L. 167
- Pombeiro, A.J.L., see Papadopoulos, N. 107
- Ravera, M., see Baffi, F. 149
- Ravindra Babu, A.  
—, Lingewara Rao, J.S.V.M., Murali Krishna, D. and Sambasiva Rao, R.  
Acid-base equilibria of 2-furoic acid hydrazide and adipic acid dihydrazide in aqueous-organic media 297
- Rechnitz, G.A., see Horie, H. 123
- Reisenhofer, E.  
—, Picciotto, A. and Li, D.  
A factor analysis approach to the study of the eutrophication of a shallow, temperate lake (San Daniele, North Eastern Italy) 99
- Reta, M.R.  
—, Anunziata, J.D., Cattana, R.I. and Silber, J.J.  
Comparison between solvatochromic and chromatographic studies of anthraquinones in binary aqueous mixtures 81
- Rodriguez, P., see Olivé, J. 285
- Rombouts, R.F.M., see Rongen, H.A.H. 333
- Romero, R.A., see Granadillo, V.A. 139
- Rongen, H.A.H.  
—, Van Nierop, T., Van der Horst, H.M., Rombouts, R.F.M., Van der Meide, P.H., Bult, A. and Van Bennekom, W.P.  
Biotinylated and streptavidinylated liposomes as labels in cytokine immunoassays 333
- Rosenberg, E., see Hutter, W. 237
- Rosset, R., see Sassiat, P. 73
- Ruck, N., see Vaireanu, D.-I. 115
- Sabry, S.M., see Wintersteiger, R. 273
- Sambasiva Rao, R., see Ravindra Babu, A. 297
- Sánchez, J.M., see Granadillo, V.A. 139
- Santucci, B., see Alimonti, A. 35
- Sartini, R.P., see Gomes Neto, J.A. 343
- Sasamoto, H.  
—, Maeda, M. and Tsuji, A.  
Chemiluminescent assay of alkaline phosphatase using phenacyl phosphate 161
- Sassiat, P.  
—, Machtalere, G., Hui, F., Kolodziejczyk, H. and Rosset, R.  
Liquid chromatographic determination of base oil composition and content in lubricating oils containing dispersants of the polybutenylsuccinimide type 73
- Seok, Y.-J.  
—, Yang, K.-S. and Kang, S.-O.  
A simple spectrophotometric determination of dissociation constants of organic compounds 351
- Shenhar, A., see Kuselman, I. 301
- Shih, J.-S., see Lu, C.-J. 129
- Shoff, D.B., see Eiceman, G.A. 21
- Silber, J.J., see Reta, M.R. 81
- Soggia, F., see Baffi, F. 149
- Sparén, A., see Danielsson, L.-G. 173
- Svehla, G., see O'Keeffe, M. 91
- Swan, H.B., see Ivey, J.P. 259
- Swoboda, H., see Hutter, W. 237
- Tahán, J.E., see Granadillo, V.A. 139
- Takeda, M., see Hikuma, M. 209
- Tan, P.M., see Möller, D. 1
- Tapia, J., see Bruhn, C.G. 183
- Theobald, A., see O'Keeffe, M. 91
- Tsuji, A., see Sasamoto, H. 161
- Uchiyama, S., see Fukaya, M. 231
- Vaireanu, D.-I.  
—, Ruck, N. and Fielden, P.R.  
Predictive model for coulometric operation in a thin-layer amperometric flow cell 115
- Valentini, C., see Lo Coco, F. 57
- Van Bennekom, W.P., see Rongen, H.A.H. 333
- Van der Horst, H.M., see Rongen, H.A.H. 333
- Van der Meide, P.H., see Rongen, H.A.H. 333
- Van Nierop, T., see Rongen, H.A.H. 333
- Wagatsuma, K.  
— and Hirokawa, K.  
Effect of oxygen addition to an argon glow-discharge plasma source in atomic emission spectrometry 193
- Wahbi, A.-A.M., see Wintersteiger, R. 273
- Wang, J., see Chen, Q. 201
- Wang, J., see Wang, T. 249
- Wang, L.-T., see Yan, Y. 307
- Wang, T.  
—, Zhu, C., Wang, J., Xu, F., Chen, Z. and Luo, Y.  
Study on spectral characterization of infrared flare material combustion with remote high resolution Fourier transform infrared spectrometry 249
- Wang, X., see Zhao, X. 225
- Wang, Y.-F., see Eiceman, G.A. 21
- Warner, I.M., see Mwalupindi, A.G. 49
- Wintersteiger, R.  
—, Barary, M.H., El-Yazbi, F.A., Sabry, S.M. and Wahbi, A.-A.M.  
Reversed phase-liquid chromatography of primary and sec-

- ondary aliphatic amines after derivatization combined with electrochemical detection 273  
Woerner, R., see Bruhn, C.G. 183
- Xu, F., see Wang, T. 249  
Xu, J.-G., see Yan, Y. 307
- Yan, Y.  
—, Xu, J.-G., Lin, Z.-G., Zhao, Y.-B., Wang, L.-T. and Chen, G.-Z.  
Study on total luminescence spectra. Application of the Monte-Carlo method to three-dimensional synchronous fluorescence spectrometry 307
- Yang, K.-S., see Seok, Y.-J. 351
- Zagatto, E.A.G., see Gomes Neto, J.A. 343
- Zhao, X.  
—, Jin, W. and Wang, X.  
Determination of trace titanium in  $\text{KH}_2\text{PO}_4$  by differential pulse adsorption voltammetry 225
- Zhao, Y.-B., see Yan, Y. 307
- Zhu, C., see Wang, T. 249